

**REMARKS**

Claims 1-12 remain in the application for consideration of the Examiner with Claims 13-26 standing canceled.

Reconsideration and withdrawal of the outstanding rejections are respectfully requested in light of the above amendments and following remarks.

Turning now to the art rejection, Claim 1, 3-8, 12-15, and 19-22 were rejected under 35 U.S.C. §102(a) as being anticipated by Nasu; Claims 1-8, 11-16, and 19-23 were rejected under 35 U.S.C. §102 as being anticipated by Masiewicz; Claims 9, 10, 17, 18, 24, and 25 were rejected under 35 U.S.C. §103 as being unpatentable over Nasu.

These rejections are respectfully traversed.

Nasu does not disclose or suggest the presently claimed invention including the device driver for performing at least some ECC instructions in independent Claim 1.

The C1 correction unit and C2 syndrome calculator disclosed by Nasu do not relate to a device driver.

It is respectfully submitted that Nasu does not disclose or suggest the presently claimed invention including the facility for execution ECC instructions from a BIOS as defined in independent Claim 7.

The C1 correction unit and C2 syndrome calculator do not relate to a BIOS.

Masiewicz does not disclose or suggest the presently claimed invention including the device driver for performing at least some ECC instructions in independent Claim 1.

The ECC computation block 512 and the ECC error decoder block 512 does not relate to a device driver.

Additionally, Masiewicz does not disclose or suggest the presently claimed invention including the facility for executing ECC instructions from a BIOS as defined in independent Claim 7.

The ECC computation block 512 and the ECC error decoder block 512 does not relate to a BIOS.

In light of the above, it is respectfully submitted that Claims 1-12 patentably define over the applied art, and it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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**VERSION WITH MARKINGS TO SHOW CHANGES MADE****In the claims:**

Claims 13-26 have been canceled.

Claims 7, 9, and 10 have been amended as follows:

7. A computer system comprising:

a mass data storage device containing a data medium and having associated ECC circuitry for generating an error flag indication of the occurrence of an error in data read from said data medium;

and a host computer having at least a RAM, a CPU, and a facility for executing ECC instructions from a BIOS by said CPU;

wherein execution of said ECC instructions corrects in said RAM data read from said medium according to said ECC codes when said error flag has been generated.

9. The computer system of claim 7 wherein said BIOS is said ECC instructions are software instructions of a system BIOS.

10. The computer system of claim 7 wherein said BIOS is said ECC instructions are software instructions of an expansion BIOS.